

1Q. Which method will get executed on clicking submit button of the following code?

```
<input type="text" name="name">  
<form method="GET" action="/TestServlet"> <input type="submit"  
value="Submit">  
</form>
```

Options

a.PUT

b.GET -

A

c.POST

d.OPTI

ON

2Q. Following is the code for doGet() and doPost() method

of TestServlet: public void doGet(HttpServletRequest req,

HttpServletResponse res) { try (

PrintWriter pw res.getWriter()).

pw.println("<h2> Hello World

</h2>"); catch(Exception e) { e

printStackTrace();

public void doPost (HttpServletRequest req. HttpServletResponse res)

{ doGet(req, res), Which one of the following statement is correct?

Options

1.This will only work for HTTP

GET requests. 2.This will only work

for HTTP POST requests

3. This will work for HTTP GET as well as POST requests - A

4.It will throw an exception at runtime, as you cannot call

doGet() from doPost(). 5.It'll throw an exception at runtime only

if a POST request is sent to it

3Q.Which of the following is the factory class that is used to get

the Session objects? 1.Hibernate ConnectionFactory

2.Hibernate SessionFactory - A

### 3.Hibernate

Configuration

### 4.Hibernate

Connection

5Q. \_\_\_\_ clause can appear only once at the end of the query containing compound SELECT statements.

1. WHERE - A

2. ORDER

3.ORDER

BY

4.GROUP

BY

6Q. Which operator is used to check for existence

of a record? Options

1. NOT NULL

2. AS

3. EXISTS - A

4. IN

7Q. SELECT CustomerName, Address || || City || || Country AS Address FROM Customers,

1. *Alias named Address column will be created and under this Address, City and Country will be printed as combined statement*

2. *Alias named Address will be created for Country columns.*

3. *Alias named Address column will be created and under this all CustomerName, address, city and country will be printed*

4. *Alias named Address will be created for Address columns - A*

8Q. Which one of the following is a valid tag for configuring a listener class?

1. `<contextlistener>`

`<listener-class>mypackage SomeListener</listener-class>`

</contextlistener>

2. <listener>

<listener-class>mypackage SomeListener</listener-class>

</listener> - A

3. <context-listener>

<listener-class>mypackage SomeListener</listener-class>

</context-

listener>

4.<listener>

<class>mypackage SomeListener</class>

</listener>

9Q. Which is the Type of Statement that the COMMIT command belongs to?

1. TCL

- A

2.ODD

L

3.DML

4.DCL

10Q. Select the property name to be set in the Hibernate configuration file to make Hibernate create the database table.

1. hibernate

*hbm2ddl.auto - A*

*2.hibernate.createtables.*

*auto*

*3.hibernate.createtables*

*4.hibernate.hbm2ddl*

*11Q. Which one of the following is a correct way to pass a parameter equivalent to the query string user=rani at request time to an included component?*

*1.<jsp include page="other.jsp"> <isp param paramName="user" paramValue="rani" /> </jsp include>*

*2. <jsp include page="other.jsp"> <jsp param name="rani" value="user" /> </jsp include>*

*3. <jsp include page="other.jsp"> <jsp param name="user" value="rani" >> </jsp include> - A*

4.<jsp include page="other jsp"> <jsp param param="user" value="rani"/></jsp include>

12Q. How do we inject into a field a bean by its name?

1.By using @Configuration annotation.

2. By using only @Qualifier annotation. - A

3. By using both the @Autowired and the @Qualifier spring annotations.

4.using the @Autowired annotation and naming the field with the bean name.

13Q. View the following SQL

statement TRUNCATE TABLE

emp

which of the following about the execution of this statement is true?

1.All rows will be removed from the EMP table, as well as any related rows that are part of a referential integrity constraint

2.All rows will be removed from the EMP table and will require a ROLLBACK statement to recover them.

3. All rows will be removed from the EMP table and the table will be dropped

4. All rows will be removed from the EMP table, but the table structure will remain intact. - A

14Q. Which are the modules of the core container?

1. Beans, Core, Context, SpEL - A

2. Core, Context, ORM, Web

3. Core, Context,

Aspects, Test 4. Bean,

Core, Context. Test

15Q. To which is the code below equivalent to?

package

com.loo,

@Configuratio

n

public class AcmeContig {



@Bean

public AcmeService

acmeService() { return new

AcmeServiceImpl().

}

}

1. <beans>

<bean id="acmeConfig" class="com AcmeService"/> </beans>

2. <beans>

<bean id="acmeService" class="com.foo.Acme ServiceImpl"/>

</beans> - A

3. <beans>

<bean id="acmeConfig" class="AcmeServiceImpl"/>

</beans

>

4.<bean

s>

<bean id="acmeConfig" className="com foo AcmeServiceImpl"/>

</beans>

16Q. What statement best characterizes the Single Table strategy?

1.Is a mapping inheritance strategy. - A

2. Subclasses do not need to be pointed to

the common table 3.Captures partial elements

of the class hierarchy

4.Contains all the columns for a few subclasses

17Q. Given a JSP page that is requested with the query string: ?username=yogesh Which one of the following lines of code will result in the output of yogesh?

1. `requestScope["username"]`

2. `requestScope.username`

3. `param.username` - A

4. `parameter username`

18Q. Which one of the following HttpServletResponse methods is used to redirect an HTTP request to another URL?

1.sendURL()

2.redirectURL()

3.redirecthttp()

4.sendRedirect()- A

19Q.

```
<html><body>
```

```
<%
```

```
Integer count = (Integer)
```

```
request.getSession(false).getAttribute("count"). if(count =
```

```
null) {
```

```
out.println(count);
```

```
}else
```

```
request.getSession(false).setAttribute("count", new Integer(1)),
```

```
%>
```

```
Hello!
```

```
</body></html>
```

Which one of the following will be printed for the very first request to the above page as well as the web application th

1. It will print Hello!
2. It will print Hello and will set the count attribute in the session
3. It will throw a NullPointerException at request time.
4. It will not compile. - A

20Q. element within the id element is used to generate the primary key values automatically?

1. <generator> - A

2. <key>

3.<primary-

key>

4.<index>

21Q. Which one of the following represents the correct syntax for using the include directive?

1. <%@ include

file="menu.jsp" %> - A 2.<jsp

include page="menu.jsp" />

3.<jsp include file="menu.jsp"

/> 4.<jsp include

path="menu.jsp"/>

22Q. Which of the following statements are not true for the

Spring framework? 1.Spring framework is a light weight

framework

2. Spring framework is not open source - A

3. Spring provides Dependency Injection

4. Spring targets only Java web application development

23Q. Which of the following Servlet method is used to release the resources like database connections etc.?

1.init()

2.service()

3.destroy()

- A

4.getServletConfig()

24. Which of the following is used to get a physical connection with the database?

1. *Hibernate*

*Session - A*

2.*Hibernate*

*SessionFactory*

3.*Hibernate*

*Configuration*

4.*Hibemate*

*Connection*

25Q. Root tag for bean configuration

xml file is 1.<bean-config>

2. <app-

config>

3.<beans> -

A 4.<bean-

def>

26Q. SELECT TO\_CHAR (TO\_DATE('24#12#15','DD/MM/YY'), 'DD/MM/YY')  
FROM DUAL;

What will be the result of executing this statement?

1. The statement will produce an error message because the punctuation characters in the string do not match those used in the fo
  2. The statement will execute successfully and produce a character value in the format DD/MM/YY
- A
3. The statement will produce an error message because a TO\_CHAR and TO\_DATE cannot be used in the same statement
  - 4.The statement will produce an error message because the FX format modifier is not used in the format model.

27Q. SELECT TO\_CHAR (TO\_DATE('24#12#15','DD/MM/YY'), 'DD/MM/YY')  
FROM DUAL;

What will be the result of executing this statement?

1. The statement will produce an error message because the punctuation characters in the string do not match those used in the fo

2. The statement will execute successfully and produce a character value in the format DD/MM/YY
3. The statement will produce an error message because a TO\_CHAR and TO\_DATE cannot be used in the same statement
4. The statement will produce an error message because the FX format modifier is not used in the format model

28Q. PrintWriter pw -

```
res.getWriter();
```

```
pw.println("<h2> Hello World
```

```
</h2>"); catch(Exception e)
```

```
{
```



```
e.printStackTrace();
```

```
}
```

```
}
```

```
public void doPost (HttpServletRequest req, HttpServletResponse res)
```

```
{
```

```
doGet(req, res);
```

```
}
```

Which one of the following statement

is correct? 1.This will only work for

HTTP GET requests.

2. This will only work for HTTP POST requests.

3. This will work for HTTP GET as well as POST requests. - A

4. It will throw an exception at runtime, as you cannot call

doGet() from doPost(). 5.It'll throw an exception at runtime

only if a POST request is sent to it.

29Q. statement best characterizes the Single Table strategy?

1. Is a mapping inheritance strategy. - A

2.Subclasses do not need to be pointed to the common table.

3.Captures partial elements of the class hierarchy.

4.Contains all the columns for a few subclasses.

30Q.

```
<html>
```

```
<body>
```

```
<% int x=5; %>
```

```
<%! int x=7, %>
```

```
x = <%=x%>, <%=this.x%>
```

```
</body>
```

```
</html>
```

Which one of the following will be the correct output of the above code? 1.x=3,5

2.x=3,7

**3.x=5,3 - A**

4.x=5,7

31Q. You want to display the departments that have an average monthly salary greater than \$8,000. You also want this information displayed by the department. You execute the following SQL statement:

FROM employees

SELECT department\_id, AVG(salary) WHERE AVG(salary) > 8000

GROUP BY department\_id: What are the results of executing this SQL statement?

1. The statement will execute correctly and give the desired results.
- 2. The statement will not execute correctly because you cannot use a WHERE clause to restrict groups. - A**
3. The statement will not execute correctly because the SUM(salary) function is required.
4. The statement will not execute correctly because the GROUP BY clause needs to precede the WHERE clause

32Q. You want to display the departments that have an average monthly salary greater than \$8,000. You also want this information displayed by the department. You execute the following SQL statement:

SELECT department\_id,

AVG(salary) FROM

employees

WHERE AVG(salary) > 8000

*GROUP BY department\_id;*

*What are the results of executing this SQL statement?*

- 1.The statement will execute correctly and give the desired results.*
- 2.The statement will not execute correctly because you cannot use a WHERE clause to restrict groups - A*
- 3.The statement will not execute correctly because the SUM(salary) function is required.*

*33Q. What are the major advantages of Hibernate Framework?*

- 1. Performance of Hibernate is very fast. - A*

2. Helps in generating database

independent queries. - A 3. Provides facilities

to automatically create a table. - A 4..It is

licensed and heavy weight..

34Q. Which one of the following is the proper way to include java.util

package in your jsp page? 1.<page:import package="java.util">

2. <%@ page import="java.util.\*"%> - A

3. <%= import java.util.\*: %>

4. <%@ import class="java.util."" %> - A

35Q. The page directive is used to convey information about the page to JSP container Which two of the following are legal syntax of page directive?

1. <% page info test page" %>

2. <%@ page info="test page"

session="false"%> - A 3.<%@ page

session="true" %> - A

4.<%@ page isErrorPage="errorPage.jsp" %>

36Q. package

com foo;

@Configuration

public class

```
AcmeConfig( @Bea
```

```
n
```

```
public AcmeService
```

```
acmeService() { return new
```

```
AcmeServiceImpl();
```

```
}
```

```
}
```

```
1.<beans>
```

```
<bean id="acmeConfig" class="com AcmeService"/> </beans>
```

```
2.<beans>
```

```
<bean id="acme Service" class="com.foo Acme Servicelmpl/>
```

```
</beans> - A
```

3. <beans>

<bean id="acmeConfig" class="AcmeServiceImpl"/>

</beans>

4. <beans>

<bean id="acmeConfig" className="com.foo.AcmeServiceImpl"/>

</beans>

37Q. Which of the following statements are true about filters?

1.The doFilter method is always invoked by the container, never within a programmers code

2.A filter can be invoked either through being declared in WEB XML or explicitly within a programmers code

3. Filters are associated with a URL via the filter-mapping tag.

4. Filters can be initialized via the filter-init-param tag in the

deployment descriptor. 5.Filters can be initialized via the init-param tag in the deployment descriptor.

38Q. the root element, which contains all the <class> element in the

hibernate mapping file. 1.<hibernate-mapping> - A

2. <config>

3.<hibernate-

config>

#### 4.<mapping>

40Q. Choose one statement from the following that best describes the relationship between JSP and serves

1. Servlets are built on JSP semantics and all servlets are complied to JSP pages for routine age
2. JSP and servlets are unrelated technologies O Servlets and JSP are competing technologies for handling web requests Servlets are being superseded by s
3. not useful in combination
4. JSPs are built on servlet semantics and all JSPs are compiled to servlets for natusage



41Q. Which one of the following options would initialize a stream for sending a text to a browser?

A). `OutputReader out = response.getOutputStream();`

B). `OutputStream out = response`

`getStream();` - A C). `PrintWriter out =`

`response.getWriter();` D). `ServletWriter`

`out = response.getWriterStream();`

E). `StreamWritor out = response`

`getStreamWriter();`

42Q. Which one of the following interfaces or classes is used to retrieve the session associated with a user?

1. `GenericServlet`

2. `ServletConfig`

3. `ServletContext`

4. `HttpServlet`

5. `HttpServletRequest`

t - A

43Q. Which of the following will enable Lazy Initialization of

Spring Bean? 1. `<bean class="com.xyz.Employee"`

`id="employee" lazy-init="false" />` 2. `<bean`

`class="com.xyz.Employee" id="employee" lazy-init="true"/>` -

A 3. `<bean class="com.xyz.Employee" id="emplofge" lazy-`

`init="lazy" />` 4. `<bean class="com.xyz.Employee"`

`id="employee" lazy-init="early" />`

44Q. Which of the following statements are not true for the Spring framework?

Options

1. Spring framework is a light weight framework
2. **.Spring framework is not open source**
3. Spring provides Dependency Injection
4. Spring targets only Java web application development

45Q. The page directive is used to convey information about the page to JSP container. Which two of the following are the legal syntax of page directive?

### Options

1.jspinit(), jspdestory(). \_jspservice(), translation, compilation, load class, create an instance

2. jspinit(), \_jspservice(), jspdestory(), translation, compilation, load class, create an instance 3.translation, compilation, load class, create an instance, ispinit(). \_jspservice().jspdestory()

4.translation, compilation, create an instance, load class,

jspinit().jspdestory(), \_jspservice() 46

46Q.Consider the following code written in a servlet

```
RequestDispatcher rd = request.getRequestDispatcher("world.jsp"); rd
```

forward(request, response); Which one of the following is the JSP equivalent of the above code?

### Options

1.<jsp forward page="world.jsp"/>

- A 2.<jsp action forward

page="world.jsp"/> 3.<jsp directive

forward page="world.jsp"/>

4. <%@ forward file="world.jsp"%>

47Q.

Given the following web application deployment descriptor:

```
<web-app>
```

```
<servlet>
```

```
<servlet-name>myServlet</servlet-name>
```

```
<servlet-class>MyServlet</servlet-class>
```

```
...
```

```
</servlet>
```

```
<servlet-mapping>
```

```
<servlet-name>myServlet</servlet-name>
```

```
<url-pattern>*.jsp</url-pattern>
```

```
</servlet-mapping>
```

a)servlet-mapping element should be inside servlet element

b)url-pattern can't be defined that way

c)if you make the http call: `http://host/Hello.jsp` the servlet container will execute `MyServlet` - A

d)It would work with any extension excepting `jsp,html,htm`

e)It should be `<urlpattern>` tag instead of `<url-pattern>`

48Q. Which one of the following is correct regarding Spring's support on Java Collection types? Select all that apply.

1. We can use List by using `<list/>` - A

2. We can use Properties by using

`<properties/>` - A 3.We can use Sorted

Set by using `<sortedSet/>` 4.We can use

Map by using `<map/>` - A

49Q. What is printed as an output on the server console when the following servlet program runs for the first time?

1.import

`java.io.IOException;`

2.import

```
java.io.PrintWriter;
```

```
3.import javax.servlet.*;
```

```
4.public class HelloGeneric extends
```

```
GenericServlet { 5.public HelloGeneric()
```

```
{
```

```
6.super();
```

```
7.System.out.println("construc
```

```
tor "); 8.}
```

```
9. public void init() throws ServletException {
```

```
10. super.init();
```

```
11. System.out.println("init ");
```

12.}

13. public void init(ServletConfig arg0) throws

ServletException { 14. super.init(arg0);

15. System.out.println("init with ServletConfig");

a. constructor init with ServletConfig service method. - A

b. init with ServletConfig init service method. init with ServletConfig service method

c. A runtime exception is thrown

d. constructor init with ServletConfig init service method

50Q. What will be the output of the following JSP code snippet at run-time when it is accessed the third time?

```
<% int test = 0; %>
```

```
<% ++test; %>
```

The value of test is

```
<%= test %>
```

1. The value of the test variable will

be 2 2. The value of the test

variable will be 0 3. The value of

the test variable will be 1 - A

4. The variable 'test' must be declared at global scope, else a run-time error will occur

51Q. Which one is true about autowiring?

1. Properties whose type is among the following, cannot be autowired  
primitives and arrays of primitives - A
2. For by Type dependencies that expect a single value, where more than 1  
is matched the last bean in the su
3. Autowiring overrides XML 'property and  
constructor-arg' settings 4. Properties whose type is  
String can be autowired



52Q. Which of the following Servlet method is used to release the resources like database connections etc.

1.init()

2.service()

3.destroy()

- A

4.getServletConfig()

53Q. Which one of the following lines of code, in the doPost() method of a servlet, uses the URL rewriting approach to maintaining session

1. useURLRewriting():

2. out.println(response rewrite("<a href=\"/servlet/XServlet'>Click here</a>")). 3.out.println("<a

href='"+response.encodeURL("/servlet/XServlet")+"'>Click here</a>")).

4.out.println("<<a

href='"+request.encodeURL("/servlet/XServlet")+"'>Click here</a>));

54Q. Which of the following is correct to map the "employee" table to a class

"com Employee" class? 1.<table name= "employee" class="com Employee">

2.<class id="com. Employee" table =

"employee"> 3.<mapping class="com  
Employee" table = "employee"> 4.<class  
name= "com Employee" table = "employee">

55Q. Which one of the following is a valid tag for

configuring a listener 1.<contextlistener>

<listener-class>mypackage SomeListener</listener-class>  
</contextlistener>

2. <listener>

<listener-class>mypackage SomeListener</listener-class>

</listener> - A

3. <context-listener>

`<listener-class>mypackage SomeListener</listener-class>`

`</context-`

`listener>`

4.`<listener>`

`<class>mypackage SomeListener</class>`

`</listener>`

56Q. Which of the following statements are true about fitters?

- 1.The dafilter method is always invoked by the container, never within a programmers code
- 2.A filter can be invoked either through being declared in WEB XML or explicitly within a programmers code
3. Filters are associated with a URL via the filter-mapping tag.
4. Filters can be initialized via the filter-init param tag in the deployment descriptor.
- 5.Filters can be initialized via the init-param tag in the deployment descriptor.

57Q. What will be the output of the following JSP code snippet at run-time when it is accessed the third time?

1. The value of the 'test variable will be 2
2. The value of the 'test'

variable will be 0

3. 3.The value of the 'test'

variable will be 1

4. The variable 'test' must be declared at global scope, else a run-time error will occur.

58).You execute the given below SQL query and receive an error of a constraint violation. Which statements describe possible condition Code Editor:

DELETE FROM

departments WHERE

department\_id = 50;

Options

A).The department number is used as a foreign key in another table

B).ON DELETE SET NULL was not used to convert the department\_id to NULL

C).The parent record in this statement doesn't contain child records

D).The statement references a child record that cannot be deleted without permission from the parent record

59).\_\_\_\_JSP action used for bean

creation? Options

A).jsp:useBean

- A

B).jsp:setProperty

ty

C).jsp:getProperty

rtty

D).jsp:getBean

60).Which of the following is NOT TRUE

about servlet? Options

A).Servlets are Platform

Independent B).Servlets are

robust and object oriented

C).Servlets only contain business

logic

D).Each request in servlet runs in separate thread – A

61).Which statement defines the Data Manipulation Language,

or DML, in SQL? Options

A).Enables you to create a table

B).Enables you to retrieve data from a

database C).Used to guarantee the integrity

of data in a database

D).Executed when data is added, modified, or deleted in a database - A

62).Given the following Spring configuration file, what is required?

```
<bean class="com.example.Customer">
```

```
<property name="customerAddress" ref="address"/> </bean>
```

```
<bean
```

```
class="com.example.Address"/>
```

Options

A).The first declared bean Customer is missing an id must have value as "customer"

B).The second declared bean Address is missing an id that must have value as "address" - A C).The second declared bean Address is missing an id that must have value as "customer" D).The first declared bean Customer is missing an id must have value as "address"

63).Which scope creates a new bean instance each time when requested? Options

A).Singleton

**B).Prototype**

- A

C).Request

D).Session

64).\_\_\_\_command manages a user's privileges in a database. Options

A).DOL

**B).DCL**

- A

C).DML

D).TCL

65).The\_\_\_\_module provides the fundamental parts of the framework, including the IoC and Dependency Injection features.

Options

A).Core - A

B).Bean

- A

C).Conte

xt

D).SpEL

66).Which JSP Action tags is used to include the content of another resource, it may be jsp, html or servlet?

Optio

ns

A).jsp:include - A

B).jsp:forward



C).jsp:plug

in

D).jsp:par

am

67).Which tag is used to declare a  
method in JSP? Options

A).Declaration

Tag - A B).

Scriptlet tag

C).Expression tag

D). Comment Tag

68).Predict the output of Expression

Language  $\${10*10}$ . Options

A).100

- A

B).101

O

C).10\*1

O

D).error

69).What is the syntax of JSP Page

directive? Options

A).<%@ page... %> - A

B).<% page...%>

C).<!@ page...!>

D).<%# page... %>

70).Which state does the persistent object move to when the transaction is committed and the session is closed?

Options

A).permane

nt

B).detached

- A C).initial

D).persistent

71).Hibernate is an\_tool.

Options

**A).ORM - A**

B).ETL

C).OOC

D).AI

72).What does hibernate.hbm2ddl.auto

create do? Options

**A).Create tables automatically - A**

B).Creates session object

automatically C).Creates Session

Factory object automatically

D).Creates session & Session Factory automatically

73).Which of the following Servlet method executes each time, when you make

a request to Servlet? Options

A).init()

**B).service() - A**

C).destroy()

D).getServletIn

fo()

74).Which statement describes the use of the UNIQUE constraint

when creating a table? Options

A).Defined at the column-level when a composite UNIQUE key is required

B).Used to ensure that rows of a table in a specified column or set of columns cannot have duplicate values - A

C).Supports the input of non

null values D).Defined at the

table-level only

75).The\_\_\_\_manages the life cycle of servlet instances.

Options

A).Web Container

B).Servlet

Container - A

C).Jsp Container

D).Application

Server

76).Which of the following are Servlet's

lifecycle methods? Options

A).init() - A

B).service() - A

C).destroy() - A

D).getServletInfo()

77).Identify feature of the COMMIT and

ROLLBACK statements. Options

A).when a ROLLBACK statement is issued the current transaction ends making all pending changes permanent

B).ROLLBACK ends a transaction and prompts you

to save changes C).A transaction begins when a

COMMIT statement is issued D).COMMIT and

ROLLBACK help to ensure data consistency - A

78).What is

`javax.servlet.Servlet`?

Options

A).interface -

A B).abstract

class

C).concrete

class

D).enum

79).Which one is the correct order of phases in

JSP life cycle? Options

A).Initialization, Cleanup, Compilation, Execution

B).Initialization, Compilation, Cleanup,  
Execution C).Compilation, Initialization,  
Execution, Cleanup - A D).Cleanup,  
Compilation, Initialization, Execution

80).What is use of below code snippet?

```
<property name="hibernate.hbm2ddl.auto">create-  
drop</property>
```

 Options

A).The above snippet creates new table

everytime B).The above snippet overwrites

existing table everytime

C).On every run, the above snippet drops and recreates the table  
mentioned in the hibernate configuration files

D).The above snippet modifies the table on every run

81).What does AOP

stand for? Options

A).Asset Oriented

Programming B).Any

Object Programming

C).Aspect Oriented

Programming D).Aspect

## *Oriented Protocol – A*

82. The\_\_element maps the unique ID attribute in class to the primary key of the database table.

1. <id> - A
2. <key>
3. <index>
4. <primary key>

83. What is true about @Autowired annotation?

*Options*

1. Applying @Autowired to a field is not legal and will result in a RuntimeException



2. @Autowired may be applied to either a field, constructor or the setter of a field - A

3. Applying @Autowired to a field is not legal and will result in a checked exception

4. @Autowired may be applied to setter methods only

84. What is the purpose of the Transient attribute?

Options

1. Marks attributes that are not needed to persist - A

2. Enables objects to remain constant

3. Flags attributes that are required to be invisible

4. Allows attributes to be reused many times

85. Consider the following JSP code

```
<Html><Body>
<%
Integer count (Integer) request.getSession(false) .getAttribute("count");

If(count =
null){ out.print
in(count);

}else
request getSession(false).setAttribute("count", new Integer(1));

%>

Hello!

</body></html>
```

Which one of the following will be printed for the very first request to the above

page as well as the Options

A).It will print Hello!

B).It will print Hello and will set the count

attribute in the session C).It will throw a

NullPointerException at request time

D).It will not compile – A

86. In\_state new objects are created in the Java program but are not

associated with any Hibernate Options

A).Transient

B).Detached

C).Persistent

- A D).New

87. Which query presents a correct syntax for a WHERE clause?

Options

A).SELECT last name FROM  
employees WHERE last name  
BETWEEN King AND Olsen,

B).SELECT last\_name, hire\_date FROM employees  
WHERE hire date BETWEEN 01-JAN 05 AND 01-  
JAN-05,

C).SELECT last\_name FROM  
employees WHERE last name  
BETWEEN King' AND 'Olsen',

C).SELECT last name, salary  
AS Money FROM employees  
WHERE Money BETWEEN 1000 AND 2500,

D).SELECT last name, salary FROM  
employees WHERE salary BETWEEN  
2500 AND 1000 - A

88. Which statement best describes the purpose of DML statements in SQL?

Options

A). Used to control user access to the database

B). Used to manage transaction within the database

C).Used to create and modify database objects – A

D).Used to work with the actual data within the database objects

89. Which of these can be annotated on a class to indicate that the class can be used by the Spring IoC container as a source of bean definitions

Options

A). [@Configuration](#) – A

B). @Bean

C).@BeanSou

rice

D).[@BeanConfiguration](#)

90. Which one of the following statements is correct about the way a servlet can access its initialization

1. By simply calling `getInitParameter` from any of the servlets methods

(for example `doGet`) 2. It must be done only by calling

`getServletConfig().getInitParameter`.

3. It can only be done by overriding the method `init(ServletConfig config)` - A

4. It can be done by calling `getServletContext().getInitParameter` method

91. What are the various comparison operators used in the WHERE clause?

1. BETWEEN - A

2. IN

3. TO\_DATE

4. EXISTS

92. Which Datatype is used used to store Binary Value?

Options

(a) CLOB

(b) BLOB - A

(c) RAW

(d) LONG

93. Which property makes Hibernate generate the appropriate SQL

## *Options*

1. *hibernate dialect - A*
2. *hibernate.connection driver class*
3. *hibernate connection driver*

4. hibernate session

94. What are the different states of a persistent object? (More than 1 option is correct)

1. Transient - A
2. Detached - A
3. Persistent - A
4. New

95. Which of these can use the context component scan XML element (More than 1 option is correct)

1. FileSystemXmlApplicationContext
2. AnnotationConfigWebApplicationContext
3. AnnotationConfigApplicationContext
4. ClassPathXmlApplicationContext

96. Spring is a lightweight

framework for Options

1. database ready applications  
2. enterprise ready applications.

3. new ready applications

4. web application development - A

97. \_\_\_\_ annotation is used on model classes to specify

Ans - @entity

98. Integrity constraints that restrict null values in sql

**Ans – unique, not null**

99. which of the following can be used to explicitly destroy the session object?

1. you cannot .it can only be expunged automatically after session timeout expires
2. **By Calling invalidate() on session object - A**
3. By Calling expunge() on session object 4.By Calling delete() on session object 5.By Calling finalize() on session object

100. Which three of the following are implicit objects available to every JSP page by default? (More than 1 option is correct)

1. **Session - A**
2. Context



- 3. System
- 4. Out - A
- 5. request - A

101. What are the various Numerical Datatypes used while creating a table? (More than 1 option is correct) 1.char

2.int - A

3.number -

A

4.systimesta

mp

102. Which one of the following is an equivalent in jsp of PrintWriter in servlet?

- 1. jspWriter
- 2. jspPrintWriter
- 3. jspOutputStream - A
- 4. jspBufferedStream

103. Consider the following code:

```
public void doGet(HttpServletRequest req, HttpServletResponse
res){ HttpSession session = req.getSession(); ServletContext ctx =
this.getServletContext();
```

```
if(req.getParameter("userid") !=null){
```

```
//1
```

```
}
```

```
}
```

You want the userid parameter to be available only to the requests that come from the same user.

Which one of the following lines would you insert at //1?

Options

A).session.setAttribute("userid", userid) – A

B).req.setAttribute("userid", userid);

C).ctx.addAttribute("userid", userid);

D).session.addAttribute("userid", userid);

E).this addParameter("userid", userid);

104. Consider the following code:

```
<html>
```

```
<body>
```

```
<% { %>>
```

```
<jsp:useBean id="address" class="AddressBean" scope="session" />
```

```
<% } %>
```

```
//1
```

```
</body>
```

```
</html>
```

Which one of the following can be placed at line //1 above to print the value of the stre

Options

A). <jsp:getProperty name="address" property="street" />

B). `<% out.print(address.getStreet()); %>`

C). `<%= address.getStreet() %>`

D).`<%=`

`<%= address.getStreet() %>`

```
((AddressBean)session.getAttribute("address")).getStreet() %>
```

```
E).<%= session.getStreet() %>
```

105. What is printed as an output on the server console when the following servlet program

```
1.  import java.io.IOException;

2.  import java.io.PrintWriter,

3.  import javax.servlet.*;

4.  public class HelloGeneric extends GenericServlet {

5.  public HelloGeneric() {

6.  super();

7.  System.out.println("constructor **");

8. }
```

9 public void init() throws ServletException {

10. super.init(): 11. System.out.println("init");

12.}

13. public void init(ServletConfig arg0) throws ServletException {

14. `super.init(arg0);`

15. `System.out.println("init with ServletConfig");`

*Options*

A).constructor init init with ServletConfig service method.

B).init with ServletConfig init service method.

106. The page directive is used to convey information about the page to JSP container. Which two of the following are the legal syntax of page directive?

*Options*

A).jspinit(), jspdestory(). \_jspservice(), translation, compilation, load class, create an instance

B).jspinit().\_jspservice(). jspdestory(), translation, compilation, load class, create an instance - A

C).translation, compilation, load class, create an instance, jspinit(), \_jspservice(). jspdestory()

D).translation, compilation, create an instance, load class. jspinit(), jspdestory(),

`_jspservice()`

107. What are the different types of Autowiring in Spring?

Options

A).byName, by Type, destructor and autodetect

B).byName, byMethod, constructor and autodetect



C).byName, byType, constructor and autocorrect

D).byName, by Type, and constructor – A

108. What is prototype scope?

Options

A).This scopes a single bean definition to have any number of object instances. –  
A

B).This scopes the bean definition to a single instance per HTTP Request.

C).This scopes the bean definition to a single instance per HTTP Session.

D).This scopes the bean definition to a single instance per HTTP Application/  
Global session.

109. What are the different logical operators used in SQL?

Options

A).AND

B).OR

C).NOT

D).NOT NULL